

**Marine Life Protection Act Initiative**  
**Central Coast Project**  
**Staff Summary of Area and Habitats in CCRSG Package 2**  
**February 22, 2006**

**Overall Summary for Package 2 (2/9/06 version)**

Type of MPA	# proposed	Area (mi <sup>2</sup> )	% of study region
<b>State Marine Reserve (SMR)</b>	21	147.85 mi <sup>2</sup>	12.86%
<b>State Marine Park (SMP)</b>	1	9.84 mi <sup>2</sup>	0.86%
<b>State Marine Conservation Area (SMCA)</b>	7	63.48 mi <sup>2</sup>	5.52%
<b>All MPAs combined</b>	29	221.17 mi <sup>2</sup>	19.23%

**Individual MPAs in Package 2 (2/9/06 version)**

MPA Name <sup>A</sup>	Size (mi <sup>2</sup> )	Along-shore span (mi) <sup>B</sup>	Depth range (ft)
Ano Nuevo SMR (2 <sup>nd</sup> analysis as **)	18.99 mi <sup>2</sup>	11.5 mi	0-209 ft
Baldwin to Natural Bridges SMR	0.59 mi <sup>2</sup>	4.1 mi	3-21 ft
Elkhorn Slough SMR	1.56 mi <sup>2</sup>	7.0 mi	0-10 ft
Morro Cojo Estuary SMR	0.82 mi <sup>2</sup>	7.6 mi	0-10 ft
Soquel Canyon SMCA (***)	23.05 mi <sup>2</sup>	7.8 mi	247-2113 ft
Portuguese Ledge SMR	10.90 mi <sup>2</sup>	5.4 mi	302-4838 ft
Edward C. Cooper SMR	0.20 mi <sup>2</sup>	0.7 mi	3-56 ft
Hopkins SMR	0.35 mi <sup>2</sup>	1.0 mi	3-71 ft
Pacific Grove SMCA (*)	0.41 mi <sup>2</sup>	1.2 mi	3-59 ft
Asilomar SMR	0.85 mi <sup>2</sup>	1.5 mi	0-63 ft
Carmel Pinnacles SMR	1.25 mi <sup>2</sup>	1.8 mi	3-223 ft
Carmel Bay SMCA (*)	1.71 mi <sup>2</sup>	3.1 mi	3-471 ft
Point Lobos SMR	4.36 mi <sup>2</sup>	4.8 mi	0-320 ft
Point Lobos SMCA (**)	11.28 mi <sup>2</sup>	5.2 mi	227-2111 ft
Point Sur SMR	19.48 mi <sup>2</sup>	5.4 mi	3-624 ft
Julia Pfeiffer Burns SMR	18.03 mi <sup>2</sup>	4.8 mi	3-2227 ft
Big Creek SMR	3.24 mi <sup>2</sup>	3.1 mi	0-314 ft
Big Creek SMCA (**)	12.97 mi <sup>2</sup>	4.3 mi	3-2393 ft
Piedras Blancas SMR	22.09 mi <sup>2</sup>	7.0 mi	0-337 ft
Cambria SMP (^)	9.84 mi <sup>2</sup>	5.3 mi	0-150 ft
Ken Norris SMR (2 <sup>nd</sup> analysis as *)	5.50 mi <sup>2</sup>	3.6 mi	0-187 ft
Ester Bluff SMR	0.14 mi <sup>2</sup>	1.4 mi	0-10 ft
Morro Bay SMCA (*)	2.10 mi <sup>2</sup>	7.0 mi	0-22 ft
Morro Bay East SMR	0.40 mi <sup>2</sup>	2.4 mi	0-10 ft
Morro Bay SMRMA (***)	0.79 mi <sup>2</sup>	3.4 mi	0-10 ft
Point Buchon SMR	8.38 mi <sup>2</sup>	4.6 mi	0-217 ft
Point Buchon SMCA (***)	11.96 mi <sup>2</sup>	4.6 mi	167-377 ft
Purisima Point SMR	19.27 mi <sup>2</sup>	5.0 mi	0-190 ft
Point Arguello SMR	10.66 mi <sup>2</sup>	8.2 mi	0-189 ft

A. Symbols following proposed MPA name indicate level of protection as determined by the Master Plan Science Advisory Team. (\*\*\* indicates SMCA High, (\*\*) indicates SMCA Moderate, (\*) indicates SMCA Low, and (^) indicates SMP Low. Level of protection was used in the SAT evaluation.

B. Alongshore span measured as direct line from one end of the MPA to the other.

### Habitat Representation in Package 2 (2/9/06 version)

Habitat	Percentage of mapped habitat in proposed MPA designations in the study region <sup>1</sup>			
	SMR	SMP	SMCA	Total MPAs
<b>Intertidal</b>				
<b>Sandy or gravel beaches</b>	23.54%	2.34%	2.33%	28.20%
<b>Rocky intertidal and cliff</b>	34.22%	1.42%	2.39%	38.03%
<b>Coastal marsh</b>	56.91%	1.29%	4.05%	62.25%
<b>Tidal flats</b>	64.24%	0.64%	18.83%	83.70%
<b>Seagrass beds (0-30m): Surfgrass</b>	35.60%	2.52%	3.55%	41.67%
<b>Seagrass beds (0-30m): Eelgrass</b>	32.62%	0.00%	67.10%	99.71%
<b>Estuary</b>	37.54%	0.10%	21.36%	59.00%
<b>Soft bottom</b>				
<b>0-30 meters</b>	13.38%	1.79%	1.17%	16.33%
<b>30-100 meters</b>	10.96%	0.67%	4.33%	15.95%
<b>100-200 meters</b>	8.97%	0.00%	14.26%	23.24%
<b>&gt;200 meters</b>	11.20%	0.00%	15.44%	26.64%
<b>Hard bottom</b>				
<b>0-30 meters</b>	28.07%	1.71%	1.47%	31.25%
<b>30-100 meters</b>	30.87%	4.94%	4.53%	40.34%
<b>100-200m</b>	11.48%	0.00%	26.31%	37.78%
<b>&gt;200 meters</b>	9.47%	0.00%	12.81%	22.28%
<b>Kelp forest</b>				
<b>Average kelp ('89, '99, '02, '03)</b>	30.94%	4.94%	4.53%	40.41%
<b>Persistent kelp</b>	30.52%	9.75%	6.92%	47.19%
<b>Submarine canyon</b>				
<b>0-30 meters</b>	1.77%	0.00%	35.40%	37.17%
<b>30-100 meters</b>	4.07%	0.00%	8.82%	12.89%
<b>100-200 meters</b>	3.80%	0.00%	16.50%	20.30%
<b>&gt;200 meters</b>	11.50%	0.00%	14.07%	25.58%

<sup>1</sup> Note: These are proposed MPA designations, NOT levels of protection assigned by the SAT.